

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Inventor(s): NAKAMURA, et al.

Appln. No.: 10

085,429

Group Art Unit 2835

Examiner: THOMPSON, G.D.

Atty. Dkt. P 284606

3KG032528-USA-A  
T5TM-01S1169-1

Series Code ↑

Serial No. ↑

Filed: FEBRUARY 28, 2002

Mail Stop Non-Fee Amendment

Hon. Commissioner for Patents

PO Box 1450

Alexandria, VA 22313-1450

Appln. Title: COOLING UNIT FOR COOLING HEAT  
GENERATING COMPONENT AND  
ELECTRICAL APPARATUS  
CONTAINING COOLING UNIT

Sir:

**REPLY/AMENDMENT/LETTER**

Date: May 16, 2003

This is a reply/amendment/letter in the above-identified application and includes the herewith attachment of same date and subject which is incorporated hereinto by reference and the signature below is treated as the signature to the attachment in absence of a signature thereto.

**FEE REQUIREMENTS FOR CLAIMS AS AMENDED**

1. Small Entity claim

A. ☒ NOT madeB. ☐ WithdrawnC. ☐ made herewithD. ☐ made previously

For B &amp; C

See Required

Separate Paper

(Pat-256)

Claims remaining after amendment	Highest number previously paid for	Present Extra	Large/Small Entity	Additional Fee	Fee Code Lg/Sm	
2. Total Effective Claims	28	**minus 34	0	x \$18/\$9 =	+ \$0	103/203
3. Independent Claims	6	***minus 8	0	x \$84/\$42 =	+ \$0	102/202
4. If amendment enters proper multiple dependent claim(s) into this application for first time (leave blank if this is a reissue application)..... add				+ \$280/\$140 =	+ \$0	104/204
5. Original due Date: July 17, 2003		<input type="checkbox"/> NONE				
6. Petition is hereby made to extend the original due date to cover the date this response is filed for which the requisite fee is attached		(1 mo)	\$110/\$55 =	+ \$0		115/215
	(2 mos)	\$410/\$205 =	116/216			
	(3 mos)	\$930/\$465 =	117/217			
	(4 mos)	\$1,450/\$725 =	118/218			
	(5 mos)	\$1,970/\$985 =	128/228			
7. Enter any previous extension fee paid since above original due date and subtract		- \$0				
8.		Extension Fee		+ \$0		
9. If Terminal Disclaimer attached, add Rule 20(d) official fee .....		+ \$110/\$55		+ \$0	148/248	
10. If IDS attached requires Official Fee under Rule 97 (c), .....		+ \$180		+ \$0	126	
or if Rule 97(d) Request .....		+ \$180		+ \$0	126	
11. After-Final Request Fee per rules 129(a) and 17(r) .....		+ \$750/370		+ \$0	146/246	
12. No. of additional inventions for examination per Rule 129(b) .....		x \$750/375 ea		+ \$0	149/249	
13. Request for Continued Examination (RCE) .....		+ \$750/375		+ \$0	1179/1279	
14. Petition fee for .....				+ \$0		
15.		TOTAL FEE =		\$0		

16. \*If the entry in this space is less than entry in next space, the "Present Extra" result is "0".

17. \*\*If the "Highest number previously paid for" in this space is less than 20, write "20" in this space.

18. \*\*\*If the "Highest number previously paid for" in this space is less than 3, write "3" in this space.

Our Deposit Account No. 16-1805

Our Order No. 85013

C#

M#

**CHARGE STATEMENT:** The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficiencies only) now or hereafter relative to this application and the resulting Official Document under Rule 20, or credit any overpayment, to our Accounting/Order Nos. shown above, for which purpose a duplicate copy of this sheet is attached.

This CHARGE STATEMENT does not authorize charge of the issue fee until/unless an issue fee transmittal sheet is filed.

Query: Is appeal deadline now? If so, file Notice of Appeals separately.

Pillsbury Winthrop LLP

Intellectual Property Group

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Atty/Sec: MRK/mg

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PAT-120 5/03



PATENT  
85013-284606

# 9/A  
5-23-03  
Robertson  
Election

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

NAKAMURA, et al.

Serial No: 10/085,429

Filed: February 28, 2002

For: COOLING UNIT FOR COOLING HEAT  
GENERATING COMPONENT AND  
ELECTRICAL APPARATUS CONTAINING  
COOLING UNIT

Art Unit: 2835

Examiner: THOMPSON, G.D.

I hereby certify that this correspondence is  
being deposited with the United States Postal  
Service with sufficient postage as first class  
mail in an envelope addressed to:  
Assistant Commissioner for Patents  
Washington D.C. 20231, on

May 16, 2003

Date of Deposit

Mark R. Kendrick

Name

Mark R. Kendrick 05/16/2003  
Signature Date

**AMENDMENT AND ELECTION**  
**IN RESPONSE TO RESTRICTION REQUIREMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

In response to the Office Action dated April 17, 2003, please enter and consider  
the following election, amendment, and remarks:

**IN THE CLAIMS:**

Claims 14 - 15, 17 - 18, 22 - 23, 29 - 34 have been cancelled without prejudice.

Please add new claims 35 - 40.

35. (New) A cooling unit to cool a heat generating component, comprising:  
a heat sink arranged adjacent to the heat generating component; and

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MAY 22 2003  
TECHNOLOGY CENTER 2800